**Praful**

**SUMMARY**:-

* Above **7 years** of extensive experience in System Analysis, Design, Development, Coding and Implementation of various applications based on **(OOPS) Object Oriented Programming, Client/Server N-tier architecture, Model View Control (MVC), Windows, Web based and Internet Technologies**.
* Strong Experience with designing and working with **N-tier architecture and Service-Oriented architectures.**
* Extensive experience in design, development, maintenance and support of enterprise level web-based applications using **.Net framework (ASP.Net 1.1/2.0/3.0/3.5,C#, ADO.Net), Sql Server, MVC3 and Sitecore 8.1.**
* Experience with Software Development Processes & Models: **Agile, Waterfall & Scrum Model.**
* Strong Experience developing applications using **the C#(4.0/3.0/2.0) .NET Framework (4.5/4.0/3.5/3.0/2.0/1.x), ASP.NET (5.0/4.0/3.5/3.0/2.0), ASP.NET MVC Framework 5.0/4.0/3.0/2.0, ADO.NET, AJAX, LINQ, WCF, WPF, WWF, Silver Light (4.0/3.0), CSS, Web Services, SOAP, .NET Remoting** and **Microsoft .Net platform (2.0/3.0/3.5/4.0).**
* Incorporated many rich, user friendly, responsive features in the application using **Angular JS, BOOTSTRAP3, HTML 5, J query** **Lite**.
* Experience with developing web applications and web services including **JQuery2.0/1.0, JSON, AngularJS1.4, HTML4/5, GIS Mapping, VB Script, AJAX, XML/XSL/XSLT and CSS3.**
* Experience in functionality with **Entity framework Code First** and Database First approaches with **ASP.NET MVC 5.0/4.0**.
* To retrieve the data in the form of objects and properties, such as customers and customer addresses, without concerning them with the underlying database where this data is stored using **ENTITY FRAMEWORK**.
* Extensively used **HTML5, BOOTSTRAP, ANGULAR JS and JQUERY** and created **Single Page Applications (SPA).**
* Used **Entity Framework and LINQ** to access the two databases so the user could create, edit, display, and delete data from the application's **UI.**
* Utilized **Adobe** **Photoshop** for color correction of images for printing and photo restoration .
* Strong experience in the Analysis, Design, Development and Implementation of multi-tier web based applications and distributed applications using **WCF/Web services** Standards based on Service Oriented Architecture (**SOA**).
* Experience in developing and consuming services using **WCF (REST, SOAP) and ASP.Net Web API.**
* Created Entity classes, relationships between entity classes using **Entity Framework 6.0/4.x** to manage relational data as objects and used **LINQ** to Entities to massage the data.
* Experience in design and implementation of services using **WCF SOAP\REST**, creating **REST** services using **ASP.NET Web API**
* Leveraged the introduction of **Web API Controllers (Web API 2)** in **ASP.NET MVC 5** to build, maintain **Restful API’s** and also consume the API’s client side using **Angular JS** data binding.
* Developed **Entity Framework 6.0/4.3** and made **LINQ** queries to connect to the database and implemented **CRUD**
* Implemented **ADO.Net data access techniques** i.e. SQL Connection Objects, SQL Command Objects, **Dataset** Objects, **Data Reader** Objects and **Data Adapter** Objects using **Data Grid, Data List** and **Repeater** controls.
* Experience in using **Language - Integrated Query (LINQ)** to query and retrieve data from different data sources (**LINQ** to Objects, **LINQ to XML, and LINQ to SQL**).
* In depth knowledge of **Database Development** including **Tables, Views, Stored Procedure, Triggers and Query Optimization techniques using SQL Server 2005/2008/2008R2.**
* Experienced **SQL Server Reporting Services (SSRS)** and **Crystal Reports** for report generation, integration into **.NET** applications.
* Expertise in Implementing **LINQ Query Expressions or Lambda expressions** for standard query operators that allow traversal, filter, and projection etc.. Operations applied to any **IEnumerable<T> /IQueryable<T>**, different data sources.
* Experience in using Source Code Control Systems like **MS Visual Source Safe (VSS)**, **Team Foundation Server (TFS)**, and **Subversion**.
* Experience in design using Design patterns like Factory, Singleton and Repository and using Object Oriented Programming Principles like **Inheritance, Polymorphism,** **Encapsulation** and **Abstraction.**
* Expertise in writing test plans covering all the possible scenarios and ) Proficient in writing **Unit Test Cases** for **Business logic, Web services** and **WCF** also automate them at all levels of testing like unit, integration, Functional, Compatibility.
* Excellent **Team player with good Communication and Interpersonal skills** and ability to pro-actively engage with co-developers, Business analysts and clients. Also, capable of taking up responsibilities independently and collaboratively in teams.

**Skills:**

**Operating Systems**: Windows 2008 R2/2008/2003, XP, Windows 7, Vista.

**Programming Languages:** C#.Net(4.0/3.5/3.0) ,VB.NET(10.0/9.0/8.0), HTML, T-Sql, PL/SQL

**Web Technologies:** ASP.NET 4.5/4.0/3.5/3.0/2.0, ASP.NET MVC 4.0/3.0, Silverlight 4.0/3.0, ASP.Net Ajax 3.0/2.0, Javascript, Jquery, VB Script, AngularJS, Sitecore 8.1

**UI Technologies:** Winforms, WPF, Jquery UI

**IDE Tools:** Visual Studio 2010/2008/2005, Sql Server Management Studio

**Databases:** MS SQL SERVER 2012/2008/2005/2000, MS Access 2010/2007/2003, Oracle 11g/10g/9i/8i, Cassandra

**Reporting Tools:** Sql Server Reporting Services (SSRS 2008/2005), Crystal Reports (2010/9/8.5/8)

**Version Control Tools:** Visual SourceSafe(2005), SubVersion, Team Foundation Server(2008)

**Modeling Tools:** UML, MS Visio 2010/2007

**Web services:** WCF, SOAP, Web API

**Middleware:** WCF, ADO.NET 4.0/3.5/3.0/2.0,MSMQ, Web Services,Enterprise Library

**Servers:** Windows Server 2008/2003/NT, Microsoft IIS(7.0/6.0/5.0/4.0)

**Other Utilities** ILdasm, Nant, gacutil, Sn.exe, Ants, FxCop, Resharper(5.1.3), Style Cop

**Microsoft Azure** Azure PowerShell, Azure Storage, Traffic Manager, Active Directory, Azure SQL, Site-to-Site VPN, Multi-Site VPN, Azure Cloud Services, Azure Virtual Machines  

**Education**

Bachelor ofSCIENCE | JNTU university

Related coursework: Academic project related to healthcare, EMC training, SCJP and Oracle 9i certifications

**PROFESSIONAL EXPERIENCE**

**Wal-Mart Inc. Bentonville, AR Jan 2014 - Till Date**

## Sr .Net Developer

**Global Logistic System (GLS)**

**Description:** Global Logistic System **(GLS)** is one of the biggest Warehouse Management System (WMS) which has encapsulate functionalities of different Warehouse management systems running across Distribution Centers (DCs) and migrated the existing applications into one global system known as Global Logistics System (GLS).

**Responsibilities:**

* Involved in **Software development life cycle (SDLC)** of application from design phase to implementation phase, testing, Deployment and maintenance phase.
* **Participated** in daily **Scrums** with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed.
* Worked with **Sitecore** Content Management System. Involved in coding the various modules of the project in **MVC, C#** and **Sitecore 8.0.** Integration of the application.
* Created templates, content items, layouts, and sub layouts in **Sitecore**.
* Rich development experience creating web applications using **ASP.Net, C# and MVC** Architecture.
* Implemented **Model-View-Control (MVC)** architecture in web applications
* Responsible for designing the **ASP.NET** application authentication using **.NET Framework**, Model View Controller **MVC** and **IIS** security model
* Developed **Action Filters in MVC** and used **Angular JS** for client side scripting
* Worked on **Code First approach** for the **MVC** and **Entity Framework** for designing the models.
* Developed strongly typed Views in **MVC** as per the requirements.
* Implemented Client validations using **Java Script**, **Angular JS** and **J Query.**
* **Angular Js** was used to make the web applications dynamic and is used for making DOM manipulation.
* **Angular Js** was used for creating the controllers, Factories, Services, Custom Directives.
* Extensively used **HTML5, BOOTSTRAP, ANGULAR JS and JQUERY** and created **Single Page Applications (SPA).**
* Experience in working with JavaScript frameworks like **Bootstrap** and **Angular JS.**
* Coding the presentation layer using **WPF** and **Silver** **light** and service layer using Windows Communication foundation technology.
* **Used Dependency Injection to enable AJAX calls and created custom HTML tags using angular directives.**
* Worked with **JSON** to pass the **JavaScript** objects from server to web application.
* Worked on creating **Rest Services** using **ASP.NET Web API and C#.**
* **Created application wide Silver light animations using VSM (visual state Manager). Extensively used Silver light/WPF page layouts, animated transition controls and Key-frame animations.**
* Controlled overall look and feel of **ASP.NET** web site by consuming twitter **Bootstrap**.
* Created and consumed **WCF Services** to expose the application functionality for different applications running inside/outside the company.
* Used **WCF** for developing and deploying services on windows in line with the Service Oriented Architecture (**SOA**).
* Created **WCF, WCF REST Services** and also used different bindings to make it available to different types of clients
* Leveraged **WCF** mechanisms like seasoning, Instance Management, Concurrency to make our services more robust and scalable.
* Converted .Net application to **Microsoft** **Azure** Cloud Service Project as part of cloud deployment.
* **Migrated** SQL Server 2008 database to Windows **Azure** **SQL** Database and updating the Connection Strings based on this.
* Leveraged the introduction of **Web API Controllers (Web API 2)** in **ASP.NET MVC 5** to build, maintain **Restful API’s** and also consume the **API’s** client side using **Angular JS** data binding
* Using **SQL Server 2012 database** as back-end along with **ADO.NET Entity Framework** and **Linq** to Entities to access the database tables.
* Also used **N-Hibernate** extensively to manipulate retrieval and store data.
* **Developed stored procedures, views for data manipulation**, ensuring set up relations includes indexing, constraints, and foreign keys in **SQL server**.
* Developing **SSIS packages** for integration with downstream / upstream application and generating reports which could be sent to other Systems .
* Used **SSRS** to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in **SSRS**
* **Work** with **QA** to develop and review test plans and strategies. **Made** the builds and deployed the applications in test, stage and Production servers.
* **Work** with Product management on product feature requirements definition and refinement. **Used TFS for Agile Planning and collaboration.**
* Implemented Caching and State Management strategies to improve overall performance of the application.

**Performed Unit testing, Integration testing** and **Regression testing** by applying test cases.

**Environment:** Visual Studio 2012, C#4.0, ASP.NET4.0, VB.Net8, MVC 5.0/4.0, .NET Framework 4.0,Sitecore 8.0, JavaScript, CSS3.0, ADO.NET, Entity Framework 6.0/4.0, Web API, JSON, HTML5, NUnit , TDD, VBA, LINQ, WCF, AJAX, HTTP, Microsoft Enterprise Library, TFS2010, XML, Angular JS1.5, JQuery2.0, Agile, SSIS, SSRS, SQL Server 2012, SOAP, IIS 7.0 , Windows XP, Windows Server 2003, CRM, Continuous Integration, Windows Server 2008 R2/2008, PL/SQL.

**StateFarm Insurance Bloomington, IL June 2012- Dec 2013**

**Sr.Net Developer**

**Insurance Management System**

**Description**: This project deals with Insurance Management System gives information of the client, policy details and premium rates and monitors the policies for delayed payments. It manages different claims per policies, claim settlements and allows coverage verifications.

**Responsibilities:**

* **Involved** in **SDLC** in whole project, in Analysis, design and coding part.
* Demonstrated the **UI** modules to Users with weekly meetings as per the **SCRUM**.
* **Participated** in full development life-cycle using **Object Oriented Programming (OOPS) concepts and Agile SCRUM.**
* Designed and developed various abstract classes, interfaces, classes to construct the business logic using **C#,** the middle tier contained all the business logic
* **Developed** complex view using **ASP.NET** **MVC** **Razor engine, JQuery UI, server-side scripting** with **C#, .NET Framework 4.0.**
* Developed **MVC 5** pattern using **Entity Framework** for the Data Access Layer and UI with **JQuery/Bootstrap** for the front end.
* Also Used **JQuery** which communicates with **RESTFUL web service**.
* Working with **JQuery Ajax, CSS**, and callback Objects, Effects and Events
* Created Client side validations with **JQuery** selectors, Events and Server side validations with **ASP.Net 3**.
* Design, Development and testing of **RESTful web services** called using **Entity Framework** data services.
* Implemented abstract, sealed classes, interfaces and classes to construct the business and data tier using C# and **Entity Framework.**
* Implemented **CRUD** functionality with **Entity framework** in **ASP.NET MVC** and implemented sorting, filtering and paging with **Entity framework in MVC.**
* Used **EntityFrameWork** and **LINQ** for retrieval of data from the SQL Server Database using connected/disconnected architectures
* **Designed** and created **Relational database** tables using Normalization, Managed clustered and non-clustered indexes and implemented Relationships b/w tables
* **Created** **Stored Procedures**, **Functions, Packages, Triggers, Indexes and Views** using **T-SQL** in **Development** and Production environment for **SQL Server 2005.**
* Developed and integrated the software using salesforce on iPAD.
* Developed **SSIS packages** to export data of flat file source to SQL Server Database.
* Used **SQL Server Reporting Services (SSRS)** for generating reports populated by data in databases.
* **Performed** Unit Testing for all units in developed pages using **NUNIT** Tool
* Involved Unit **Testing, Integration Testing and Regression testing** in a regular basis to improve the performance of the application.
* Experience in **Sitecore** CMS, Sitecore DMS, Information Architecture, development and customizations on Sitecore.
* **Sitecore** features Implemented: **Sitecore** Templates, creating Presentation Components, **Sitecore** upgrade and deployment.
* Used Microsoft Team Foundation Server **(TFS)** to manage the team's software development lifecycle including deriving product backlog items, assigning sprint work items to developers and conducting sprint review meetings
* Coding for various Modules, Error Handling, Modification and Testing.
* Created and maintained **Power Shell scripts** to aid in user management, group permissions and deployment of custom packages to **TFS**.

**Environment**: C#4.0, ASP.NET3.5, MVC 5.0/4.0, VB.NET7, .NET Framework 4.0, JavaScript, ADO.NET Entity Framework 6.0/4.3, Web API, NUnit, LINQ, WCF, TFS2010, sitecore, REST/SOAP, AJAX, Microsoft Enterprise Library, Angular JS, JQuery1.0, SQL Server 2012, SOAP, IIS 7.0 , Oracle 11g, Visual Studio 2010/2012, PL/SQL, Windows XP, UML, Irwin, Windows Server 2003, Windows Server 2008 R2/2008, SSIS, SSRS.

**Paychex Inc. Rochester ,NY Apr 2011– May 2012**

***.*Net Developer**

**HRS Development**

**Description:**  Senior Software Developer at Paychex is to work on a multi-year conversion from a legacy Data Entry system to a SOA-based .NET application. This involved understanding the technical functionalities in power builder and recreate the same or better functionality using Microsoft .NET and related technologies. This needed active participation in daily standup meetings, sprint meetings as a part of the Agile Scrum product developmental methodology.

**Responsibilities:**

* Involved in the complete **Software Development Life Cycle** including Analysis, Design, Implementation, Testing and Maintenance.
* Developed solutions for diverse programming scenarios in **C#**, employing **Object Oriented Programming (OOP)** concepts such as: encapsulation, inheritance, polymorphism, and abstraction.
* Created & hosted **WCF Services** and also used different bindings to make it available to different types of clients.
* Implemented **Web services** to retrieve various accounts information.
* Developed and consumed **Web Services** to extract information from the database and other services.
* Created login **XML Web Service** that handles the primary authentication, availability of licenses and generation encrypted key, which would be used for many operation.
* Developed **Web Serivce API** to handle Credit card authorizations, using Authorize .Net.
* Designed **Web service** to implement logic for data import to pre-populate database with user profiles, responsible with interaction and point of contact for clients to technically help achieve successful handshake with our API
* Designed and developed .**Net** **Web Interface using C#, CSS3, HTML5,** and **ASP.Net model**.
* Worked with **Charts** and **Data Binding** controls with service components in **Silverlight 4.0/3.0.**
* Used **Telerik** controls like **Rad chart** and **Rad Grid view** to provide richer user experience.
* Created **Windows services** to create automation processing of **XML**.
* Utilized **Ajax Tab control, Update Panel, Script Manager, ModalPopupExtender**, **MaskedEditExtender** and **MaskedEditValidator** for validations.
* Designed the web **UI** using **ASP.NET, HTML, DHTML, XSL/XSLT, JavaScript, CSS, Web Forms** and **AJAX** controls.
* Used **MVP/MVVM** Design patterns for designing the application.
* Used **LINQ to SQL, LINQ to XML and LINQ to** **Objects** for retrieving the data efficiently and Just in Time manner.
* Created automatically running **stored procedures** for day-end operation using **SQL Server agent**.
* Created new tables, wrote stored procedures for applications and some user defined functions. Created **SQL scripts** for tuning and **scheduling**.
* Worked Extensively with **Query Optimization** Techniques to Fetch Data with better **Performance Tuning.**
* Used **Enterprise library** for Database Connection and writing exception manager component, which creates a log file in event viewer.
* Created SQL Server Integrating Services **(SSIS)** Reusable packages to extract data from Multi Formatted Flat files, XL, XML files into DB2 Systems.
* Assisted in the design and development of reports in SQL Server using SQL Server Reporting Services **(SSRS)**
* Responsible for maintaining versions of source code using **Team Foundation Server 2010**.
* Involved in Deployment and Troubleshooting issues in the application.
* Perform automated tests, unit tests (**NUNIT**) and customized load testing for the overall system.
* Involved in writing technical specifications design document, deployment documents and operations guide for operation support.

**Environment:** VisualStudio2010/2008, C#3.0, ASP.NET 3.5, WCF, Java Script, Entity Frame Work 4.0, TFS 2010, XAML, WCF,IIS 7.0, AJAX, ADO.NET, LINQ, XML, Microsoft Enterprise Library, JQuery1.0, SQL Server Integration Services(SSIS), SQL Server Reporting Services(SSRS), NUNIT, SQL Server 2008 R2, Windows XP, UML, Windows Server 2003, Windows Server 2008 R2/2008.

**Nationwide Insurance Columbus, OH Nov 2010 – Mar 2011**

**.Net Developer**

**Cost Tracking Info System**

**Description:** Nationwide Insurance is a group of large U.S. insurance and financial services companies based in Columbus, Ohio. As a part of workforce management & resource management team, I am responsible for creating new systems, loading the data from legacy systems. This application tracks resources, their organization, costs and tracks engagement resources, displays a view of current plan and provide a decision modeling tool for management

**Responsibilities:**

* Involved in full life-cycle of the project from requirements gathering to transition using **Agile Methodology.**
* Developed core business algorithm to create inland trips based on the availability, rail schedule info and available rates.
* Involved in designing the layout of User interface using **Visio** and Class diagrams using **UML**.
* Implemented and extensively used the Object Oriented programming concepts in **C#** and **ASP. Net 3.0.**
* Created **User Controls, Custom controls, Data Access Layer, Business Logic Layer** classes **using C# and .Net 3.5** for web pages.
* Defined and implemented customized configurations settings for application local **Web.Config** file for incorporating user authentications and authorizations via role based security in order to restrict accessibility to certain module.
* Developed application using **ASP.NET** for server process & user interface and **VB.NET** Code Behind.
* Used **ADO.NET** for **Oracle** database interaction using **Dataset**, **Data View.** Used Name spaces System. Data.
* Web configuration file is used to have own setting for the application by writing database connection string and user authentication.
* Designed & Developed **ASP.NET** User Controls and used **ASP.NET Web Forms** controls.
* Migrated **VB 6.0** application to **VB.NET** application.
* Developed Data access assemblies in **C#** and isolated data access logic from business layer and front end.
* Developed **Web Forms** for **User Interfaces** using **ASP.NET and C#.NET** using Server Controls, **HTML** Controls and User Controls.
* Used **Cascading Style Sheets (CSS)** to maintain design consistency across all **web forms**
* Created **Custom Validation Controls** for validating the data in the User Control and used **ASP.NET Validation Controls** for server side validation and **Java Script** for client side validation
* Implemented **Role based authorization** and **Form based authentication**
* Utilized **ADO.Net** technology extensively for data retrieving, querying, storage and manipulation using **LINQ.**
* Worked with **ADO.NET** to interact with the **SQL Server 2008** (i.e. retrieving, updating and inserting data into the tables) for Alerts.
* Used advanced features of Visual studio 2008 controls like **Master Pages, Security** and **Login Forms.**
* **Used** **ADO.NET** objects such as **Data Reader, Dataset** and **Data Adapter** for consistent access to Designed, modeled multi-threaded, enterprise n-tier software agent using **WCF** **web service** hosted in a Windows service
* Used **ADO.NET** components like **SQL Connection, SQL Command, Data Adapter, Data Set, Data Reader, Grid View and Details View** for database connection and database communication.
* Used **Grid View**, **Data List** and **Repeater** controls with **Paging** and **Sorting** for displaying various data on to the page
* Developed **Stored Procedures**, **Triggers**, and **Views in SQL Server 2005** for accessing the database.
* Developed many **T-SQL** queries to fetch data as per the business requirements with proper tuning techniques.
* Implemented **Stored Procedures**, **Joins** and **Views** in **SQL Server** at the backend level. **Cascading Style Sheets (CSS)** was used for consistent look of the site
* Used **XML** intensively to bind the data to the web controls, data manipulation and to store data and sent as parameter to the stored procedures.
* Developed various stored procedures for the data retrieval from the database and generating different types of reports using **SQL reporting services (SSRS)**.
* **Extensively Used TFS (Team Foundation Server) for the maintenance and status of the developers for development of application**

**Environment:** Visual Studio 2008, ASP.NET 3.0/3.5, ADO.NET, SQL Server 2008, HTML4, X Path, VB.NET6, NUNIT, Visual Source Safe(VSS), SQL reporting services(SSRS), SQL Server Integration Services(SSIS), Server Controls, WCF, .NET Framework 3.5/3.0, Web Forms, SOA, Web services, SQL Server 2008, T-SQL, DHTML, LINQ, Windows Server 2003..

**A+ InfoSystems, Hyderabad ,India Sep 2008 – Oct 2010**

**.Net Developer**

**Online Bill Payment & Management System**

**Description:** The purpose of this project is to provide On-Line bill payment facility to users. This project consists of two modules User module and Admin module. User's module provides the interface to the user to know the payment details of electricity bill and to pay the payment. Admin module provides the interface for the administrator to enter the new connection details, to update the electricity charges. It generates various reports of the payment details of all users to Administrator.

**Responsibilities:**

* Responsible for developing **GUI** Screens for gathering and storing the information.
* Designed and developed **web forms** using **Classic ASP.NET**.
* Implemented forms authentication in **ASP** **web forms** like Login, password and User authentication.
* Involved in using all the best features of **ASP.NET** including Dataset, Data View and Data Adapter
* Designed and developed interfaces, **tree view and grid** control using windows forms in **VB.NET.**
* Developed graphical charts in the web application using **Office Web Components** tool.
* Developed a data repository page using **Data Grid control and ADO.NET**
* Used Microsoft **ADO.NET** to access data from database in a web application
* Designed and implemented **stored procedures, triggers, views in SQL Server 2005.**
* Extensively used Dynamic SQL commands and SQL stored procedures to interact with the Database.
* Developed various reports based on the requirements using **Crystal Reports**
* Involved in the **Unit and Integration testing**.
* Used **Visual Source Safe(VSS)** for version control of the source code along with the maintenance of the builds and the relevant documents of the same

**Environment:** Windows XP, Visual Studio .NET 2005/2008, ASP.NET 2.0, ADO.NET, VB.NET, Java Script, Web Forms, SQL Server 2005, MS Unit, Team Foundation Server 2008, VSS, SSIS, SSRS CSS.